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UNITED STATES DEPARTMENT OF AGRICULTURE
Library

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CLASSIFICATION SCHEME

OF THE

BIBLIOGRAPHY OF AGRICULTURE

JANUARY 1950



For Use in the Division of Bibliography of the Library

E - PLANT SCIENCE

- G GENERAL (including antibiotics, paleobotany, vegetation, education, tree rings, etc.)
- S SYSTEMATIC AND GEOGRAPHIC BOTANY
- SG General (including floras and check lists)
- SS Spermatophytes
- SP Pteridophytes (ferns)
- SB Bryophytes (mosses and Hepaticae)
- SA Algae
- SF Fungi (including lichens)
- P PLANT PATHOLOGY
- PG General (includes injuries - frost, mechanical and rodents, etc.)
- PF Fungus Diseases
- PB Bacterial Diseases
- PV Virus Diseases
- PN Diseases caused by Nematodes
- Ecol PLANT ECOLOGY
- Mor PLANT MORPHOLOGY, ANATOMY, AND CYTOLOGY
- Genet PLANT GENETICS
- Phys PLANT PHYSIOLOGY
- Bio BIOCHEMISTRY
- FC FIELD CROPS

Includes general articles on agronomy, breeding, crop varieties, cultural practices, production and yield. Articles dealing particularly with pathology, physiology, etc, of the crops will be placed under those headings.

FIELD CROPS (Cont.)

FC	General
Cer	Cereals
Fi	Fiber Crops (includes fiber flax)
For	Forage Crops and Grasses (includes soybeans for forage)
Oi	Oil Crops (soybeans, peanuts, flaxseed, etc.)
Su	Sugar Crops
To	Tobacco
H	HORTICULTURAL CROPS (garden and orchard crops)
HG	General
	Includes general articles on horticulture, breeding, varieties, cultural practices, production and yield. Articles dealing particularly with pathology, physiology, etc., of the crops will be placed under plant pathology and plant physiology
Fr	Fruits - General
Cit	Fruits - Citrus and Subtropical (including olives and coconuts)
Decid	Fruits - Deciduous (apples, pears, plums, cherries, etc.)
Sm Fr	Fruits - Small (grapes and berries)
Nuts	Nuts
Orn	Shade Trees and Ornamental Plants
Veg	Vegetable and Truck Crops (including potatoes and sweet potatoes)
Weeds	WEEDS AND POISONOUS PLANTS
Misc	MISCELLANEOUS ECONOMIC PLANTS (drug, condiment, pigment, tannin, rubber, tung oil, etc.)

F - SOILS AND FERTILIZERS

- SS SOIL SCIENCE (Describes soil apart from its use)
- SP Soil Physics
- soil moisture, aeration, structure (size, shape, hardness)
aggregation, temperature, relation to chemical properties
- ~~S~~ CH Soil Chemistry and Mineralogy
- rapid tests, base and anion exchange, chemical composition
(total or partial), fixation of phosphorus, potassium,
etc.
- S Bi Soil Biology
- bacteriology, fungi, protozoa, decomposition of organic matters,
microbiological activity (experiments with azotobacter prepara-
tions)
- S Pl Soil-Plant-Animal Relationships
- relation between soils and animal and human nutrition and health
- S Ge Soil Genesis, Formation, Classification, and Mapping
- (color, texture, layers, horizons, profiles)
- SM SOIL MANAGEMENT (Watersheds, Reclamation of mining lands,
spoil "dumps," etc.)
- SF Soil Fertility
- use of fertilizers, placement methods, lime manures, etc.
(practical use of these factors in relation to crop response;
mineral requirements; humus as a fertility element; cover
crops; green manures)
- ST Soil Tilth and Tillage
- cultivation, mulches, dry farming
- Dr Drainage, Irrigation, Water Supply, and Flood Control
- (includes reclamation; moisture preservation; salty soils -
reclamation and use)
- Er Erosion and Erosion Control (Includes contouring and terracing)

F - SOILS AND FERTILIZERS (Cont.)

San Sanitation

(sterilization and other methods for control of soil borne diseases and nematodes)

MSI MATERIALS FOR SOIL IMPROVEMENT

(Organic vs chemical fertilizers)

PM Primary Materials

Nitrogen

mineral nitrogen

organic ammoniates (comparative effectiveness of different nitrogenous fertilizers; manufacture of urea)

(nitrogen fixation -- See also soil biology)

Phosphorus

phosphate rock

superphosphates

other phosphates (comparative effectiveness of different phosphate fertilizers)

Potash

Se M Secondary and Minor Element Materials

secondary

calcium, magnesium and sulphur

minor

boron, copper, manganese, zinc and possibly others

MF Mixed Fertilizers and Fertilizer Technology

fertilizer grades (percentage of constituents)

(high analysis and low analysis; materials used)

home mixing

F - SOILS AND FERTILIZERS (Cont.)

FS Fertilizer Statistics (including government regulations)

Situation and outlook

(supply; statistics of individual fertilizers, go here,
not with the individual fertilizers)

Min Mineral Soil Amendments (lime, gypsum, etc.)

liming materials

ground limestone

burnt & hydrated lime

calcic

dolomitic

basic slags sometimes used for liming properties in
regions close to blast furnaces.

Man Manures and Composts

barnyard manures, guanos, composts, peat, muck,
plant residues

NOTE: Fertilizer properties

Fertilizer placement

drillability

broadcast

caking (from taking up moisture)

band (prominent now)

granulation (to improve drillability)

row

solubility (availability)

reversion (reverted phosphates)

burning effects

G - FORESTRY

Gen GENERAL (History, conservation, forestry research; social and economic aspects of forestry as a whole)

Educ Education

Pol Policies, Programs, Administration

Leg Legislation and Taxation

FDR Forest Description and Resources

F Ind Individual Genera and Species

FMF FOREST MANAGEMENT AND FINANCE (Includes costs and returns aspects; forest labor except logging or lumbering labor, forest engineering)

FW Farm Woodlands

Mens Mensuration

Aer Aerial Surveying and Photography

Silv Silviculture

Silv Prac Silvicultural Practices

Silv Plant Seeding and Planting

FPD Forest Protection and Damage

Fire Fire

F Inf Forest Influences

Misc For Miscellaneous Forest Uses (Wildlife, range, recreation, etc.)

FI FOREST INDUSTRIES

Lum Lumbering (Total enterprise, woods through mill)

L Eq Lumbering Equipment (Includes logging equipment and saws used in the woods)

Log Logging

G - FORESTRY (Cont)

Sawm Sawmills

Proc WW Processing and Woodworking

Seas Seasoning, Conditioning and Finishing

W Pres & D Wood Preservation and Damage

FP FOREST PRODUCTS

L & RP Lumber and Rough Products

(Logs, ties, posts, poles, piling, mine timbers, fuelwood)

Bldg Con Building Construction

Ven Veneers, Plywood and Adhesives

Furn Furniture

Cont Containers (including barrels)

Pu & Pa Pulp and Paper

Chem Chemical Products and Distillates

Nav St Naval Stores

Other FP Other Forest Products

(Christmas trees, holly, cork, wood flour, plastics)

WT WOOD TECHNOLOGY (Includes wood identification; cellulose and lignin research)

P & S Properties and Structure

H - ANIMAL INDUSTRY (limited to domesticated animals)

Processing, distribution, economic aspects and statistics of livestock and livestock products are classed in the K section. housing of livestock in the J section

B BREEDS AND BREEDING

Pedigree records

Registration

Associations representing specific herd

Farms featuring a breed (See also under Misc)

Heredity

Fertility

Artificial insemination

F FEEDS AND FEEDING

V VETERINARY MEDICINE

Anatomy and physiology

Anomalies

Castration

Deficiency diseases

Diseases - resistance (breeding for it or immunity from it)

Metabolism

Parturition

Predetermination of sex, sex reversal (See also Sexing under Misc)

Twinning

M MISCELLANEOUS

Branding

H - ANIMAL INDUSTRY (Cont)

MISCELLANEOUS (cont)

Care and management

Farms where breed is purely incidental

Judging

Livestock shows

Records and testing

C CATTLE

CB Breeds and Breeding

CF Feeds and Feeding

CV Veterinary Medicine

CM Miscellaneous

D DOGS AND CATS

DB Breeds and Breeding

DF Feeds and Feeding

DV Veterinary Medicine

DM Miscellaneous

F FUR ANIMALS - PEN RAISED

FB Breeds and Breeding

FF Feeds and Feeding

FV Veterinary Medicine

FM Miscellaneous

H - ANIMAL INDUSTRY (Cont.)

H HORSES AND MULES

HB Breeds and Breeding

HF Feeds and Feeding

HV Veterinary Medicine

HM Miscellaneous

L LABORATORY ANIMALS, SMALL

LB Breeds and Breeding

LF Feeds and Feeding

LV Veterinary Medicine

LM Miscellaneous

P POULTRY

PB Breeds and Breeding

PF Feeds and Feeding

PV Veterinary Medicine

 dubbing

PM Miscellaneous

 vices

R RABBITS

RB Breeds and Breeding

RF Feeds and Feeding

RV Veterinary Medicine

RM Miscellaneous

H - ANIMAL INDUSTRY (Cont.)

SH SHEEP AND GOATS

Sh B Breeds and Breeding

Sh F Feeds and Feeding

Sh V Veterinary Medicine

docking

Sh M Miscellaneous

Sw SWINE

Sw B Breeds and Breeding

Sw F Feeds and Feeding

Sw V Veterinary Medicine

Sw M Miscellaneous

OMIT:

Purely sporting and racing articles; horses, pigeons, cock fighting, unless from a breeding, feeding, or disease angle

News articles about shows. Take articles discussing the value of shows

Animals used for experiments in human medicine

I - ENTOMOLOGY

- G GENERAL (including general systematic articles)
- GE GENERAL - ECONOMIC (including insecticides)
- Ap APICULTURE AND APIS MELLIFERA (honey bees honey, beeswax,
colony management)
- Ar ARACHNIDA. MYRIAPODA, ETC.
Arachnida = Araneida, Acarina, Chelonethida, Pedipalpida,
Pentastomida. Phalangida Ricinulei, Scorpionida, Solpugida
Myriapoda = Chilopoda, Diplopoda, Pauropoda, Symphyla
Isopoda (terrestrial forms only)
Onychophora
- Co COLEOPTERA
beetles, weevils
- D DIPTERA
flies, gnats, midges, etc.
- Cu Culicidae - mosquitoes
- He HEMIPTERA (HETEROPTERA AND HOMOPTERA)
true bugs, cicadas, aphids. scale insects, leaf hoppers,
tree hoppers, etc
- L LEPIDOPTERA
moths, butterflies
- O ORTHOPTERA
grasshoppers, locusts, crickets, katydids, cockroaches,
mantises, stick insects, etc.
- Ser SERICULTURE AND SILKWORMS (Bombyx mori, etc.)

I - ENTOMOLGY (Cont.)

SmO

SMALLER ORDERS

Anoplura
blood-sucking lice

Collembola
springtails and snow fleas

Corrodentia (Psocoptera, Copeognatha)

Dermaptera
earwigs

Diploglossata

Embiodea

Entotrophi

Ephemerida (Ephemeroptera)
mayflies

Isoptera
termites

Mallophaga
biting lice

Megaloptera

Neuroptera
aphid-lions, dobsonflies, ant-lions, etc.

Odonata
dragonflies, damselflies

Plecoptera
stone flies

Protura

Raphidiodea

Siphonaptera
fleas

I - ENTOMOLOGY (Cont)

SMALLER ORDERS (cont)

Strepsiptera

Thysanoptera
thrips

Thysanura
bristletails, silverfish

Trichoptera
caddisflies

Zoraptera

J - AGRICULTURAL ENGINEERING

G GENERAL AND MISCELLANEOUS

(Accidents; engineering; farm beautification; farm layouts; fires; farm ponds; roads; safety surveying)

M FARM MACHINES AND EQUIPMENT

(Cost of mechanization; labor-saving equipment; machinery retailing; mechanization, priorities on equipment; conveyors elevators; hoists)

MA Animal Husbandry Equipment

(pig brooders poultry brooders; dairy equipment debeakers; dehorners; livestock dipping tanks; harness; horseshoeing; horseshoes; incubators; milking machines; trap nests)

MC Cultivation and Tillage Equipment

(Cultivator-weeders; cultivators; harrows; hoes; levels; plows pruning equipment; stakes for plants all seed bed preparation machinery)

MD Fertilizer and Seed Distributors

(Manure spreaders, seed dispensers; tree planters; grain planters, corn planters; cotton planters; potato planters; vegetable planters; etc)

MH Harvesting Equipment

(Combines; corn pickers cotton pickers; harvesters hay machines; fiber harvesters; root crop harvesters)

ML Land Clearing Equipment

("Brush eaters"; bulldozers; land clearing equipment)

MP Processing Equipment Used on the Farm

(Barn hay driers; cotton gins; cream separators; egg cleaners, feed mills; freezers; grain cleaners; grain driers; hammer mills; hullers, meat brining equipment; milk coolers; milk driers; pasteurizers; refrigerators smokehouses, dairy thermometers; threshers; tobacco furnaces)

FARM MACHINES AND EQUIPMENT (cont)

- MR Repair, Maintenance and Construction Equipment
(Cleaning compounds; farm shops grindstones; lathes; lubrication; machine shops spare parts; stable cleaning equipment; carpenter's tools; welders)
- MS Spraying and Dusting Equipment
(Dusters; sprayers, including weed sprayers)
- MV Vehicles
(Airplanes; carts; jeeps; motor fuel; tires; tractors; trucks)
- S FARM STRUCTURES AND RURAL HOUSING
(Building costs; floors; sheds)
- SA Animal Shelters and Animal Service Buildings
(Barn lots; cattle pens; cattle sheds; cattle yards; dairy barns; poultry dropping pits; milk houses, milking parlors; poultry houses; poultry range shelters; swine houses)
- SF Farmhouses and Farmsteads
(Air conditioning of houses; farmhouses; farmsteads; kitchens; remodeling; rural housing)
- SG Greenhouses and Plant Service Buildings
(Coldframes; greenhouses)
- SM Materials and Methods
(Building priorities; concrete, glass, in construction; rammed earth, soil cement; steel construction)
- SS Storage Structures
(Storage cellars; storage closets; feed bunks; grain bins; haymows; hayracks; ~~haystacks~~; manure pits; silos; storage rooms)
- SW Walls and Fences
(Fences post-hole diggers; walls)

J - AGRICULTURAL ENGINEERING (Cont)

U FARM UTILITIES

Electricity and Electrification

(Electricity on the farm; electrification; electric wiring)

UH Heating, Lighting and Radiation

(Furnaces, lamps, for poultry runs; lighting; radiation equipment; stoves)

UP Power Plants, Motors and Engines on the Farm

(Electric motors, gasoline motors; household fuels; hydraulic rams; steam engines; tractor power take-offs; water power; windmills)

US Sewage and Waste Disposal

(Incinerators; disposal pits; privies; septic tanks; sewers)

UT Telephones, etc

UW Water Supply

(Piping; plumbing; water pumps; water systems; wells)

NOTE:

Bee-keeping equipment (hives, honey extractors, etc.) and malaria control equipment are classified with Entomology

Forestry equipment is classified with Forestry

Industrial equipment (sugar refining equipment, spinning machinery, flour mills, etc.) is classified with Agricultural Products

Irrigation and drainage equipment is classified with Soils

K - AGRICULTURAL PRODUCTS: PROCESSING, DISTRIBUTION, AND STATISTICS

G GENERAL

Includes - general material relating to more than one product
raw materials
supply and demand situation

An ANALYSIS AND COMPOSITION

Con CONSUMPTION AND UTILIZATION

Includes - Industrial utilization
Chemurgy
actual consumption
Consumer preference and acceptance

Dis DISTRIBUTION, MARKETING, AND TRANSPORTATION

Put "Disposal of surplus" here. (all trade, even of individual products between two or more countries) or public relations

Gr GRADING, INSPECTION, STANDARDIZATION, AND QUALITY

(Sanitation, food poisoning, spoilage)

Pa PACKING AND PACKAGING

Pri PRICES, PRICE CONTROL, AND RATIONING

(Includes black markets, parity)

Pro PROCESSING AND STORAGE

Includes - brining, canning, care and handling, dehydration,
Flavoring, preservation, refrigeration, transportation
refrigeration, visceration, warehousing.

general discussion of the processed food industries

general discussion of locker and refrigerator industry

freezing of cooked foods

frozen bakery products

K - AGRICULTURAL PRODUCTS (Cont)

St STATISTICS

Includes statistics of crops, agricultural products, and general agricultural statistics Statistics of prices, population, etc. go with these subjects Put methodology and discussion of collecting statistics in N

Be BEVERAGES AND CONDIMENTS

Cacao, cocoa, coffee, maté, spices, tea, wine, vanilla

DP DAIRY PRODUCTS

DP General (not listed)

DP an Analysis and Composition

Include diseased or infected milk, cheese, etc , as well as testing and composition of products

DP con Consumption and Unilization

(Same as for the general consumption section, only dealing specifically with dairy products)

DP dis Distribution, Marketing, and Transportation

DP gr Grading, Inspection, Standardization, and Quality
(Shrinkage of ice cream)

DP pa Packing and Packaging

DP pri Prices, Price Control, and Rationing

DP Pro Processing and Storage

Includes research in dairy products

DP st Statistics

Fe FEED AND FORAGE CROPS

Include - economic aspects such as supply and demand; processing when it is on an industrial scale

Grasses

(If curing on the farm, such as silage, class in H
Curing of hay goes in J.)

K - AGRICULTURAL PRODUCTS (Cont.)

Fi FIBERS AND TEXTILES

Include - camel's hair

cotton

rayon

silk - only if strictly economic; practically
everything on silk goes in the Entomology
Section

synthetic fibers if from an agricultural product;
no nylon

wool

Goes through the spinning process; include rotproofing;
take general discussions of the textile industry only
when economic and if emphasis is on the fiber or the
fiber is implied

Omit:

Weaving, dyeing, finishing, printing

Fr FRUITS, VEGETABLES, AND NUTS

Includes - copra

fruit and vegetable juices

root crops including cassava

seed potatoes

Fr General Section (not listed).

Fr an Analysis and Composition

Fr con Consumption and Utilization

Fr dis Distribution, Marketing, and Transportation

Fr gr Grading, Inspection, Standardization, and Quality

K - AGRICULTURAL PRODUCTS (Cont)

FRUITS, VEGETABLES, AND NUTS (Cont)

Fr pa Packing and Packaging

Fr pri Prices, Price Control, and Rationing

Fr pro Processing and Storage

Includes general discussion of all frozen, dried, and canned fruit, except when distinctly prices, marketing, etc

Fr st Statistics

Grain GRAIN AND GRAIN PRODUCTS

barley, oats, rice, straw, wheat

Ho HONEY AND BEESWAX

Li LIVESTOCK AND LIVESTOCK PRODUCTS

Includes - cattle

education in livestock production

lard

meat

pork

swine

Slaughtering and Slaughterhouses go in H.

Li an Analysis and Composition

Li con Consumption and Utilization

Li di Distribution, Marketing, and Transportation

Li gr Grading, Inspection, Standardization, and Quality

Li pa Packing and Packaging

Li pri Prices, Price Control, and Rationing

Li pro Processing and Storage

Li st Statistics

K - AGRICULTURAL PRODUCTS (Cont)

Oi OILS AND OILSEEDS

peanuts
soybeans
sesame
sunflower
olives (when directed at the olive oil industry; when
pickled with pimientos they go with vegetables)

Po POULTRY AND POULTRY PRODUCTS

Includes - eggs
turkeys, etc

Ru RUBBER AND RUBBER SUBSTITUTES

Se SEEDS

Su SUGAR AND SIRUPS

Includes - sugarcane
sugarbeet
corn sirup
sorghum sirup

To TOBACCO

Only the raw product or a derivative such as nicotine
Do not take cigarettes or cigars unless the emphasis
is on the raw product

Misc MISCELLANEOUS

Includes - specific products which fall in no other
subdivision

flower trade

nursery trade

fish - only dehydration or processing
for food (no sealskins or seal oil)

insecticidal products (for use as insecticides
See Entomology section)

barbasco

cube

derris

medicinal plants (cinchona, coca)

tannin-bearing plants (divi-divi, mangrove)

L - AGRICULTURAL ECONOMICS AND RURAL SOCIOLOGY

G GENERAL

Includes - Economic agreements

Economic conditions

Articles on industry and agriculture

War damages

Agr Fi AGRICULTURAL FINANCE

General

Farmer investments; farmers' purchasing power; farmer
as a market; farmers' financial status

Cred Credit

All credit, banks and banking, and indebtedness

Inc Income

Inf Inflation

Ins Insurance (all insurance classed here)

Tax Taxation (Includes taxation of cooperatives)

Lab AGRICULTURAL LABOR AND WAGES (except Forestry labor)

Includes - Child labor.

Sharecroppers

Women as laborers

Youth as laborers

Agr AGRICULTURE - SITUATION, POLICIES, AND PROGRAMS

General (not listed)

Includes Agricultural relief and reconstruction, Control of
production, and Production goals; general agricultural
legislation

Sub Subsidies

L - AGRICULTURAL ECONOMICS AND RURAL SOCIOLOGY (Cont.)

C & St L COST AND STANDARD OF LIVING

FM FARM MANAGEMENT AND LAND ECONOMICS

Includes farming as an occupation collective farming,
cooperative farming, demonstration farms, father - son
partnerships, land policy, machine tractor stations,
share farming

Bkbp Bookkeeping and Records

C & R Costs and Returns

LS Land Settlement and Colonization

LT Land Tenure (Agrarian reform, land inheritance land nationaliza-
tion, farms number and size, consolidation of
holdings)

LU Land Utilization

Town & country planning, agricultural districts

L Val Land Values and Valuation

Purchase & sale

Pop POPULATION

RSO RURAL SOCIAL ORGANIZATION

H Ec Human Ecology

neighborhood
community
community centers
communities, group activities
village
region

L - AGRICULTURAL ECONOMICS AND RURAL SOCIOLOGY (Cont)

RURAL SOCIAL ORGANIZATION (cont)

Inst Institutions

educational
esthetic
extension work
family
farmer's advisory services
general inheritance
health and medical services
political and governmental
radio
recreational
religious
welfare

Lead Leadership

ROM Rural Organizations and Movements

American farm bureau federation
Grange
Cooperative organizations - 4-H Clubs, etc
Special activities of 4-H Clubs go with the subject

RSP RURAL SOCIAL PSYCHOLOGY

Attitudes, beliefs, opinions, values
Discussion groups

Trade TRADE, FOREIGN AND INTERNATIONAL

Tariff
Trade agreements
Trade statistics (includes trade in individual products;
lend-lease)

M - FOOD AND HUMAN NUTRITION

G GENERAL

Include restaurants, canteens, communal feeding cook books

H FOOD HABITS

Nut V NUTRITIVE AND VITAMIN CONTENT

N - MISCELLANEOUS

G GENERAL

H & B HISTORY AND BIOGRAPHY

HM HOME MANAGEMENT

Int R INTERNATIONAL RELATIONS

Met METEOROLOGY

Per PERSONNEL

Res RESEARCH

St STATISTICS

(general, theoretical)

Discussions of agricultural statistics

Statistical methods as applied to agriculture (general)

Special statistics will go with the subject - Population statistics with Population; Tobacco statistics with Tobacco; Income statistics with Income. Trade statistics with Trade

